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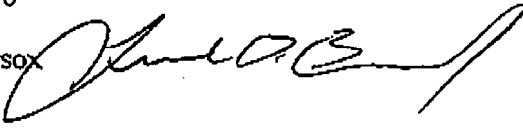
FACSIMILE TRANSMISSION COVER SHEET

DATE: November 2, 2007

TO: Mail Stop Amendment
U.S. Patent and Trademark Office
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

EXAMINER: Russell Scott Negin, Group Art Unit 1631

RE: U.S. Patent Application No. 10/660,110
For: SYSTEM AND METHOD FOR EXTENDING DYNAMIC RANGE OF A DETECTOR
Our Ref.: 5010-406

FROM: Leonard D. Bowersox 

FAC. NO.: (571) 273-8300

NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 17

Papers Filed Herewith: Transmittal Form (1 Page)
Amendment (15 Pages)

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300 on November 2, 2007.

Virginia J. Byers
Printed Name:


Signature

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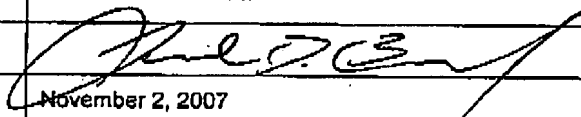
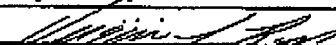
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PTO/SB/21 (08-00)

Approved for use through 10/31/2002, OMB 0851-0031

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/660,110																																	
		Filing Date	September 11, 2003																																	
		First Named Inventor	Mark F. OLDHAM																																	
		Group Art Unit	1631																																	
		Examiner Name	Russell Scott NEGIN																																	
Total Number of Pages in This Submission	16	Attorney Docket Number	5010-406																																	
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT																																				
Firm or Individual name	Leonard D. Bowersox																																			
Signature																																				
Date	November 2, 2007																																			
CERTIFICATE OF MAILING																																				
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Type or printed name	Virginia J. Byers																																			
Signature		Date	November 2, 2007																																	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	10/660,110	Confirmation No.:	6842
Applicants	:	Mark F. OLDHAM		
Filed	:	September 11, 2003		
TC/A.U.	:	1631		
Examiner	:	Russell Scott Negin		
Attorney Docket No.	:	5010-406		
Customer No.:		35411		

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Amendment is in response to the non-final Office Action mailed August 7, 2007, for which the Examiner has set a three-month period for response, thus making a response due on or before November 7, 2007.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 11 of this paper.